



INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

Minutes of the 20th Meeting of the Board of Governors (BoG) held on 19th December 2015 at 11 am in the Board Room of the Institute at Toshali Bhawan, Satyanagar, Bhubaneswar.

The following members were present:

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| 1. Director, IIT Bhubaneswar
(as per Statutes 9(16) of IIT Kharagpur)* | - | Chairman |
| 2. Prof. R V Raja Kumar
Director, IIT Bhubaneswar | - | Member |
| 3. Shri L N Gupta, IAS
Principal Secretary
Skill Development & Technical Education
Govt. of Odisha
Bhubaneswar -751 001 | - | Member |
| 4. Shri Rabindra Nath Nayak
Ex-CMD, Powergrid Corporation of India Ltd.
B1/201, PWO, Gurgaon, 122002
Haryana | - | Member |
| 5. Prof. Swarup Kumar Mahapatra
Head, School of Mechanical Sciences
IIT Bhubaneswar | - | Member |
| 6. Prof. Subhasish Tripathy
Deputy Director
IIT Bhubaneswar | - | Special Invitee |
| 7. Prof. Sujit Roy
Dean (Faculty & Planning)
IIT Bhubaneswar | - | Special Invitee |
| 8. Dr. D Gunasekaran
Registrar, IIT Bhubaneswar | - | Secretary |

Prof. S. Parasuraman, Director, Tata Institute of Social Sciences, Mumbai, Prof. Ramakrishna Ramaswamy, Professor, Jawaharlal Nehru University, New Delhi and Shri R. Gopalakrishnan, Director, Tata Sons Ltd., Mumbai could not attend the meeting due to their prior commitment and they were granted leave of absence.

* Vide MHRD D.O. letter No.3-23/2012-TS.1(Pt.II) dated 3rd December 2015, Director of the Institute will discharge the functions assigned to the Chairperson, BOG-IIT Bhubaneswar till a new chairperson is nominated by the Visitor as per the provisions of Statutes 9(16) of IIT Kharagpur.

At the outset, the Chairman welcomed all members and Special Invitees to the 20th meeting of the Board of Governors held on 19.12.2015.

Before taking up the formal agenda for the meeting the Director brought the following MHRD communication of the attention of the Board.

The term of Shri S. K. Roongta as Chairperson, BoG of IIT Bhubaneswar ended on 01.11.2015. Therefore, a vacancy has arisen in the office of the Chairperson, Board of Governors, IIT Bhubaneswar.

As per the provisions of Statutes 9(16) of IIT Kharagpur, which is being followed by IIT Bhubaneswar, the Director IIT Bhubaneswar may discharge the functions assigned to the Chairperson, BoG - IIT Bhubaneswar till a new Chairperson is nominated by the Visitor. [Reference: MHRD D.O. letter No.3-23/2012-TS.1 (Pt.II) dated 3rd December 2015 addressed to the Director IIT Bhubaneswar]

Accordingly, the Director of the Institute chaired the 20th meeting of Board of Governors.

The outstanding services and contributions made by Shri S. K. Roongta in his capacity as Chairman BoG during the formative years of the Institute were appreciated by the Board and placed on record. The Board further decided that a formal letter appreciating the contributions made by Shri Roongta to the Institute be sent to him by the Director.

SECTION – A (Procedural Items)

Item No.	Description of Item
BoG:20-1	<p data-bbox="379 300 1393 376">To confirm the Minutes of the 19th meeting of the Board of Governors held on 29.10.2015.</p> <p data-bbox="379 427 1393 546">The Board while considering the minutes of the 19th meeting of the Board of Governors held on 29.10.2015 for confirmation observed the following:</p> <p data-bbox="427 598 1393 714">(i) The Board of Governors noted the modification suggested by Shri S. K. Roongta in the minutes of 19th BoG meeting under agenda item No.BoG:19-5.</p> <p data-bbox="517 766 807 797">Minutes Recorded:</p> <p data-bbox="517 808 1393 1010"><u>NBCC be appointed as PMC on nomination basis</u> since it is the only PSU besides CPWD approved by the Ministry of Urban Development, Government of India for the purpose of award of works through nomination. However, the Institute should ensure compliance of CVC guidelines in this regard.</p> <p data-bbox="517 1061 890 1093">Modification Suggested:</p> <p data-bbox="517 1104 1393 1350"><u>NBCC may be considered for appointment as PMC on nomination basis</u> since it is the only PSU besides CPWD approved by the Ministry of Urban Development, Government of India for the purpose of award of works through nomination. However, the Institute should ensure compliance of CVC guidelines in this regard.</p> <p data-bbox="427 1402 1393 1767">(ii) The Director pointed out serious concerns of the Institute on severe time over-run and the unacceptable quality of construction including poor quality brick work, severe seepage and cracks in the new buildings. The entire team of faculty expressed dissatisfaction about the quality of construction, seepage on the walls and brick works in many academic buildings. There has been no improvement in quality despite repeated reminders issued to CPWD by the Institute.</p> <p data-bbox="427 1818 1393 2022">(iii) The Director brought to the attention of Board its earlier decisions directing the Institute that no new work to be awarded to CPWD without the permission of the Board due to poor quality construction and abnormal delay in completion of projects. The Board also desired that a letter</p>

	<p>should be sent immediately regarding the poor performance of CPWD to MHRD for their intervention. The Board expressed its dissatisfaction on the delay caused by CPWD on completion of projects which has seriously affected the mandated growth of IIT Bhubaneswar. Keeping all these serious concerns in view the Board resolved that CPWD may be asked to handover the buildings on “as is and where is basis”, if need arises. Under such circumstances the Board further directed the Institute to explore new PSUs for PMC so that infrastructure for the Institute can be created at the earliest without wasting time and money. The process of selecting a new PMC has been initiated by the Institute to honour the Board decisions and directions.</p> <p>(iv) The Board of Governors resolved that a committee be appointed to inspect all buildings constructed through CPWD and come out with a building wise report clearly indicating technical, temporal and financial deviations from the original plan & estimate and also quality discrepancies for submission to BoG by January 2016. The committee may examine whether new works can be given to CPWD under such circumstances. The Board suggested that the Director may nominate members and he may also chair the committee in this regard.</p> <p>(v) Chief Project Manager (CPM) CPWD be asked to come out with a self-containing report including details of cost overrun and time overrun during execution of projects. CPM also be asked to make a presentation before the committee.</p> <p>The Board of Governors further resolved that the minutes of the 19th meeting of the Board of Governors held on 29.10.2015 be confirmed in the next Board meeting.</p>
<p>BoG:20-2</p>	<p>To review the action taken part arising out of the decisions taken in 19th meeting of Board of Governors held on 29.10.2015.</p> <p>The Board of Governors took note of various actions taken on the deviations made at its 19th meeting held on 29.10.2015.</p>
<p>BoG:20-3</p>	<p>Presentation of Director’s Report.</p> <p>Director presented a detailed report to the Board of Governors on the developments in the Institute. The following are some of the highlights of his presentation:</p>

A. Developments

- i. Shifting of 1st and 2nd year B.Tech classes to Argul from 1st January 2016
- ii. One round of Faculty Recruitments already completed
- iii. Starting a Technology Incubator
- iv. Proposal for establishment of Research & Entrepreneurship Park (Res Ent Park)
- v. Computerization of operations
- vi. Strengthening of 1st yr B.Tech courses
- vii. Career Development Cell - 300 companies
- viii. Computers and IT Services Cell - new systems.

B. Plan for Shifting of B.Tech Education (1st & 2nd Yr) to Argul

- i. Make shift class rooms - Classes of 1st and 2nd yr B.Tech from 1st Jan 2016
- ii. Lab classes of all 1st yr and part of 2nd yr B.Tech from 1st Jan 2016
- iii. Furnishing and shifting is being done

C. Admissions - 2015

- i. Admissions are completed on time
- ii. B.Tech - 162/180
- iii. M.Sc - [76 – 3] / 120
- iv. M.Tech - [74 – 3] / 180
- v. Admission status is not good.
- vi. Drop out rate is high (loss to old IITs, PS jobs)

D. Faculty Section – 2015

- i. No selections for 18 months - Notification was released in Aug 2015
- ii. Advertisement No. Rectt/01/Acad/2015 was released in Sept 2015 and last date: 4th Oct 2015
- iii. Selections were started on 26th Oct 2015 with ECE and completed on 9th Dec 2015
- iv. Reference line - Faculty in the top three IITs
- v. Submission of Referees letters is made on-line
- vi. Rolling advt - Circulated to IITs, IISc and US inst's

E. Plantations

- i. Green field campus
- ii. 5000 trees were planted
- iii. Mango orchard - 500 trees of 60 varieties
- iv. Peripheral Teak plantation - 1100 trees
- v. Medicinal trees

- vi. Flowering trees
- vii. 98% survival rate.

F. Infrastructure Creation

- i. Work is progressing on academic building
- ii. Careful review of the construction quality of academic campus is done. Precautions were given. CPWD promised care on all issues.
- iii. Water seepage is going to be there, in spite of cautioning several times
- iv. Selection of new PMC panel is done. New works will be assigned to it

G. New Initiatives

- i. Perspective plan for the growth of IIT BBS including academic programmes, student intake, faculty, staff and infrastructure.
- ii. Establishment of Technology incubator including an eco system for entrepreneurship.
- iii. Research and Entrepreneurship Park.
- iv. A new pedagogy is proposed for education.
- v. Heads of school were advised to see that foreign professors teach at respective schools.
- vi. MoU with PPL and RD cell of Odish govt.

H. Pedagogical Aspects

- i. A new pedagogy using supplementary education using Video Courses is introduced.
- ii. Course on Programming & Data Structures is strengthened - to train every 1st yr student to be strong in computer programming.
- iii. Course on Communicative English is strengthened - to train every 1st yr student to be strong in communication.
- iv. HOS's are requested to adopt and strengthen courses in a similar way.

I. Other Developments

- i. Academics are on course as per TT.
- ii. Recruitment of Programmer, System Admin, NW Admin, Placement officer, Registrar, SE, AEE.
- iii. Security auditing is done.
- iv. ERP implementation for student feedback on courses and teaching by faculty members.
- v. Survey of faculty, a proposal to establish a Super computer.
- vi. Placements are going on.

Director brought to the attention of BoG that faculty strength at the

moment is 90 against a sanction of 180 and therefore no opportunity is missed to identify and recruit faculty. Rolling advertisement is put on the Institute website to recruit faculty all through the year.

Concerning placements, the Board suggested that the Institute may invite all Industries in Odisha for accelerating campus recruitment and also build Institute-Industry interface. There are 35 steel Industries, 10 power companies and couple of IT units already operating in Odisha which need to be tapped by the Institute.

Institute may explore the possibilities to get a list of NROs living abroad from IPICO for promoting endowment/corpus fund.

Institute may prepare an expenditure plan for phase-II and discuss in the Senate before placing before B&WC / FC / BoG for approval.

SECTION – B
(Items for consideration and approval)

Item No.	Description of Item
BoG:20-4	<p>To consider and approve the recommendations of 19th meeting of the Finance Committee held on 19.12.2015.</p> <p>The minutes/recommendations of the 19th meeting of the Finance Committee held on 19.12.2015 will be placed in the next BoG meeting for approval.</p>
BoG:20-5	<p>To consider and approve the recommendations of Selection Committee for recruitment of faculty positions and Assistant Executive Engineer (Electrical).</p> <p>The Board of Governors approved the recommendations of the Selection Committee for faculty positions. The Board of Governors further delegated the power to the Director to approve the recommendations of the Selection Committee and issue offer letters to the selected candidates for faculty positions since the Director is discharging the functions assigned to the Chairperson, Board of Governors at the moment as per MHRD communication. However, all such approval for issuance of offer letters may be placed before the BoG for ratification.</p> <p>However, in the case of Dr. Abishek Kumar Rai for the post of Assistant Professor in Geology & Geophysics, the recommendation of the Selection Committee was not unanimous. The Director, in his capacity as Chairman of the said Selection Committee for selection of Assistant Professor in Geology & Geophysics which met on 09.12.2015, informed the Board that the standards of faculty recruitment which had been followed so far in all other Schools / Disciplines would be compromised in case the selection of Dr. Abishek Kumar Rai with division of opinion is agreed to. The Board, after having considered the views of the Director of the Institute relating to standard of faculty selectin in IIT system, concurred with the Chairman of the Selection Committee and reiterated that standards of recruitment in IIT system cannot be compromised. Therefore, the BoG did not approve the selection of Dr. Abishek Rai for the post of Assistant Professor in Geology & Geophysics.</p> <p>The Board of Governors approved the recommendations of the Selection Committee for the post of Assistant Executive Engineer (Electrical).</p>

BoG:20-6	<p>To consider and approve the draft agreement to be signed by IIT Bhubaneswar with National Buildings Construction Corporation (NBCC). The draft agreement was prepared by a committee consisting Prof. G C Mitra, (Padamshri) Former Secretary of Works, Govt. of Odisha & Former Professor-in-Charge, IIT Kharagpur Ext. Centre, Bhubaneswar, Shri N. K. Rath, Former Secretary of Works, Govt. of Odisha and Dr. Dinakar Pasla, Professor-in-Charge (Civil Works). The BoG in its 19th meeting held on 29.10.2015 approved the appointment of NBCC as PMC on nomination basis.</p> <p>The item was deferred and this will be placed before BoG at its next meeting for consideration.</p>
BoG:20-7	<p>To consider and approve the Perspective Plan for the growth of IIT Bhubaneswar.</p> <p>The BoG considered the Perspective Plan presented by the Director along with a budget estimate of ₹902.96 crore for the growth of the Institute and agreed in principle. However, the Board resolved that a detailed requirement of infrastructure creation along with project wise estimate be prepared by the Institute for submission to MHRD for the purpose of funding. However, the detailed project estimate may be placed before B&WC / FC / BoG before submission to MHRD.</p>
BoG:20-8	<p>To consider and approve the recommendations of the Senate made at its 29th meeting.</p> <p>The minutes/recommendations of the Senate made at its 29th meeting held on 18.12.2015 will be placed before BoG at its next meeting.</p>

SECTION – C
(Items for Ratification)

Item No.	Description of Item
BoG:20-9	<p>The Director of the Institute has approved panel of Selection Committee Experts for recruitment of non-teaching staff as per the Statutory provisions. This may be ratified by the Board of Governors.</p> <p>The Board ratified the above.</p>
BoG:20-10	<p>Shri L. N. Gupta, IAS, Principal Secretary, Skill Development & Technical Education, Govt. of Odisha and Member Board of Governors forwarded a communication dated 16.11.2015 the State Government recommending two names for Chairman, BoG nomination. On his request these names were already forwarded to MHRD for necessary inclusion, if possible. This may be ratified by the Board of Governors.</p> <p>The Board ratified the above.</p>

SECTION – D
(Reporting Items)

Item No.	Description of Item
BoG:20-11	<p>To report that MHRD vide its letter No.3-23/2012-TS-I (Pt.II) dated 03.12.2015 conveyed that as per provisions of Statutes 9(16) of IIT Kharagpur, which is being followed by IIT Bhubaneswar, the Director IIT Bhubaneswar may discharge the functions assigned to the Chairperson, BoG-IIT Bhubaneswar till a new chairperson is nominated by the Visitor.</p> <p>The Board of Governors noted the above.</p>
BoG:20-12	<p>To report that Ministry of Human Resource Development, Govt. of India has nominated Prof. R V Raja Kumar, Director, IIT Bhubaneswar as Member of the Board of Governors of IIM Sambalpur vide its letter No.38/2/2015/TS.V dated 3rd December 2015.</p> <p>The Board of Governors noted the above.</p>
BoG:20-13	<p>To report that Prof. Subhasish Tripathy, Professor, School of Earth Ocean & Climate Sciences and Deputy Director, IIT Bhubaneswar has been appointed by the Government of Odisha as a Member to the State Pollution Control Board for a period of three years with effect from 06.11.2015.</p> <p>The Board of Governors noted the above.</p>
BoG:20-14	<p>To report the details of faculty members visited abroad for presenting papers and attending conferences with financial support from the Institute.</p> <p>The Board of Governors noted the above.</p>
BoG:20-15	<p>To report that one Resident Medical Officer and one Visiting Faculty have joined the Institute as per the details given below:</p> <ol style="list-style-type: none"> 1. Dr. Divya Undrakonda has joined the Institute as Medical Officer (Resident) on contract for a period of two years w.e.f. 06.11.2015. 2. Prof. Brij Kumar Dhindwa has joined the Institute as Visiting Professor for a period of one year w.e.f. 02.11.2015 (AN). <p>The Board of Governors noted the above.</p>

BoG:20-16	<p>To report that the Council of IITs in its 49th meeting held on 6th October 2015 under the Chairpersonship of the Hon'ble Minister of Human Resource Development at IIT Bombay agreed to the proposal for tenure track appointment of Assistant Professors in principle. However, the mechanism/modalities to implement the system was left to the BoG of respective IITs to decide and to report to the Council at its next meeting. Dean (Faculty & Planning) is working on the mechanism/modalities to be adopted while appointing Assistant Professors on tenure track basis.</p> <p>The Board of Governors noted the above.</p>
BoG:20-17	<p>To report that an Eco System for Entrepreneurship Development including a Technology Incubation facility at IIT Bhubaneswar as proposed by Director. This was already approved in principle in the 19th meeting of BoG held on 29.10.2015.</p> <p>The Board of Governors noted the above.</p>
BoG:20-18	<p>To report that the Tier-2 Science and Technology Research Park/ Entrepreneurship Park (STRP/STEP) at IIT Bhubaneswar. This was already approved in the 19th meeting of BoG held on 29.10.2015 and a proposal was sent to DST/MHRD for consideration.</p> <p>The Board of Governors noted the above.</p>
BoG:20-19	<p>To report that the Director made a request vide letter No.XX/D/MISC/2009/359 dated 21 November 2015 to the Hon'ble Chief Minister of Odisha, Shri Naveen Patnaik to provide Toshali Complex to IIT Bhubaneswar for Entrepreneurship Park activity. Reply is awaited from the Office of the Hon'ble Chief Minister.</p> <p>The Board of Governors noted the above.</p>
BoG:20-20	<p>To report that a Memorandum of Understanding (MoU) was signed between IIT Bhubaneswar and the Government of Odisha in the presence of Hon'ble Chief Minister of Odisha Shri Naveen Patnaik and the Chief Secretary, Shri Gokul Chandra Pati on 30.11.2015 for establishing a "Centre for Management, Training & Research on Roads" in the permanent campus of IIT Bhubaneswar at Argul funded by the Rural Development Department, Government of Odisha and Asian Development Bank.</p> <p>A portion of land on the eastern most point of the triangular shaped</p>

	<p>Institute land (Ac 158) surrounded by Khurda-Bolangir (KUR-BLGR) and Howrah-Madras (HWH-MAS) Railway line would be used for setting up of Rural Road Training and Research Centre funded by Asian Development Bank.</p> <p>A Gate would be constructed by opening the boundary wall near the HWH-MAS railway line level crossing on Jatni-Haripur Gaon road along with necessary road connectivity.</p> <p>The Board of Governors noted the above.</p>
BoG:20-21	<p>To report that a Survey for identifying ground water source is being carried out in the permanent campus at Argul by the Engineering Cell of the Institute with the help of Central Ground Water Board. The Director has asked the Engineering Cell to go for an extensive survey on the western side of the Barunei foot hill inside and along the boundary wall so that ground water source can be tapped for Institute requirement.</p> <p>The Board of Governors noted the above.</p>
BoG:20-22	<p>To report that the Engineering Cell of the Institute is coordinating with East Coast Railway for permission to construct railway cross-over bridges in the permanent campus at two points over the Kurdha-Bolangir (KUR-BLGR) railway line and the other is between the present academic area and the south-western piece of land south of the KUR-BLGR railway line. The bridge would be like the bridge on Jatni-Argul road crossing the KUR-BLGR line. Also railways will be requested to permit IIT to lay a road with fencing on both sides facilitating these crossings. The construction work would be taken up after receiving permission from East-Coast Railway.</p> <p>The Board of Governors noted the above.</p>
BoG:20-23	<p>To report that the dead end of the road near OGR-2 would be extended up to the boundary wall and a Gate would be opened along with security post.</p> <p>The Board of Governors noted the above.</p>
BoG:20-24	<p>To report that Forest Department, Govt. of Odisha (DFOs of Khurdha and Puri Districts) would be requested to do plantation of 40000 saplings in the permanent campus on the south side of the Kurdha-Bolangir (KUR-BLGR) railway line and also on the protruding portion of the triangular land on the north side of KUR-BLGR railway line in the next rainy season.</p> <p>The Board of Governors noted the above.</p>

BoG:20-25	<p>To report that MHRD vide its letter No.F.19-4/2014-TS.I dated 8th December 2015 conveyed that the Hon'ble HRM in her capacity as Chairperson of the Council of IITs constituted a Standing Committee comprising of the following to look into the appeals/representations relating to IITs, referred to it by the MHRD:-</p> <ol style="list-style-type: none">1. Dr. Pawan Goenka, Chairperson, BoG, IIT Madras2. Prof. Ashok Misra, Chairperson, BoG, IIT Roorkee3. Dr. Srikumar Banerjee, Chairperson, BoG, IIT Kharagpur <p>The Board of Governors noted the above and directed the Institute to bring it to the notice of all concerned.</p>
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Supplementary Item for BoG

SECTION – D (Reporting Items)

Item No.	Description of Item
BoG: 20-26	<p>To report that MHRD vide its letter No.14-12/2013-TS-I dated 30th November, 2015 informed the Institute that appointment of organisation as Project Management Consultant (PMC) for Phase-II construction activities of the Institute on nomination basis comes under the purview of the Board of Governors (BoG) of the Institute.</p> <p>The Board of Governors noted the communication received from MHRD regarding appointment of PMC on nomination basis comes under the purview of the Board of Governors (BoG) of the Institute.</p>
BoG:20-27	<p>To report that Shri Bimalendu Mohanty, Superintending Engineer (Civil) has joined on contract in the Institute on 16.12.2015 (AN) for a period of two years.</p> <p>The Board of Governors noted the above.</p>

SECTION – B (Item for consideration and approval)

Item No.	Description of Item
BoG: 20-28	<p>To consider and approve the nomination of Senate nominee to be the member of Board of Governors.</p> <p>The Board approved the nomination of the following Professors by the Senate in its 29th meeting held on 18.12.2015 as Member Board of Governors for a period of two years from January 2016 as per the provisions under clause (e) of Section 11 of the Institutes of Technology Act 1961 and amended in 2012.</p> <ol style="list-style-type: none"> 1. Prof. R. K. Panda Professor, School of Earth, Ocean and Climate Sciences 2. Prof. V. R. Pedireddi Professor, School of Basic Sciences

	The Board further nominated Prof. R K Panda as Member in the Finance Committee.
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The Board of Governors appreciated the contributions made by Prof. Swarup Kumar Mahapatra, Professor, School of Mechanical Sciences to the Institute for its overall growth during his tenure as Member – Board of Governors for the last two years and his services were placed on record.

The Meeting ended with a vote of thanks to the Chair.

Sd/

SECRETARY

Sd/

CHAIRMAN